

## Enabling E-Government

The State of Illinois Public Key Infrastructure project (PKI) provides an enterprise-wide infrastructure to facilitate electronic government services. PKI utilizes public key cryptography and digital signatures, along with software to manage those certificates. Building these services into software applications provides the means to authenticate users, ensure privacy and integrity of data, and establish the audit trails needed to give electronic transactions the same or better levels of assurance that we are able to provide when we do business in paper.

This centrally deployed model will eliminate the need for each governmental entity to individually develop and implement these tools. It will also provide a more workable model for citizens, eliminating the need to deal with multiple PINs, passwords, or encryption keys. After a single registration process the citizen will be issued a digital certificate that is quite literally his or her "key" to electronic government. The digital certificate will enable a citizen to identify or authenticate himself to receive personalized electronic services, digitally sign forms to be submitted, and send or receive sensitive information in an encrypted form to protect privacy while interacting with any participating government entity.

## Why Illinois? It's Simple:

Illinois moved from a ranking of 49<sup>th</sup> in 1998 to 4<sup>th</sup> in the nation in 2000 for its use of digital technology in the Digital State Survey conducted by the Progress & Freedom Foundation and the Center for Digital Government.

### Illinois is the nation's leader in venture capital investment growth:

- An 850% increase (\$63M to \$600M) from the first quarter of 1999 to the first quarter of 2000.

### Illinois and/or Chicago are ranked second in:

- E-Business 100 rankings
- Information Technology Growth
- Most wired city in the nation
- Best market for information technology jobs
- Most internet-accessible city

### Illinois is the third largest exporter of technology products:

- 51% of state exports are technology-related

**6,600 new technology firms have opened their doors in Illinois since 1989 creating 30,000 new jobs.**

**Chicago is home to 11,610 technology companies that employ about 288,000 workers.**

### Home to top research and computer science centers:

- University of Chicago
- Northwestern University
- University of Illinois at Urbana

- University of Illinois at Chicago
- Northern Illinois University
- Southern Illinois University
- Argonne National Laboratory
- Fermi National Laboratory

**"If you can't make it in Chicago, you can't make it anywhere. It's one of the most supportive environments possible for starting a business."** - Executive Research, December 1999

**"Fourth-ranked Illinois qualifies as this year's most-improved state..."** - Government Technology Magazine, October 2000

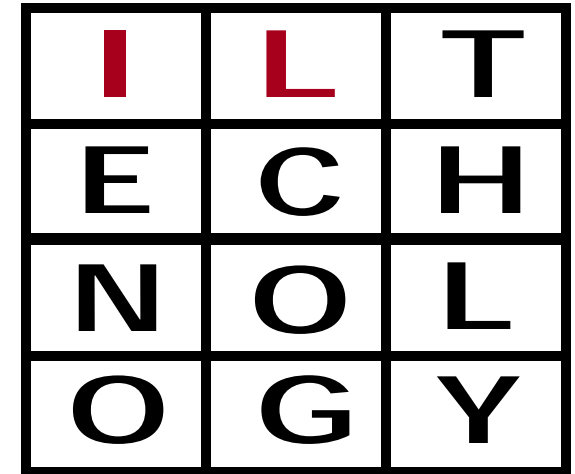
**"Since Governor Ryan took office, we have been relentless in the pursuit of moving government closer to the people"** - Mary Reynolds, Chief Technology Officer, State of Illinois

***And this is just the Beginning!***



<http://www.state.il.us/tech>

Mary Reynolds, Chief Technology Officer  
Office of the Governor  
State of Illinois  
2 1/2 Statehouse  
Springfield, Illinois 62706  
(217) 557 - 3508 Office  
(217) 557 - 9725 Fax



**George H. Ryan**  
Governor



## Governor Ryan's IT Vision: Keep Your Eye On Illinois

In the fast-paced New Economy of the 21st Century, technology is the driving force for change, for advancement, and for success. In order to compete, to grow, to attract entrepreneurs, to garner new investment and new industries, as well as help its citizens succeed in the New Economy, the State of Illinois is making a serious and bold investment for the future. Under the leadership of Governor George H. Ryan, government is responding to citizens' needs with innovation, commitment, and hard work.

*"The State of Illinois must provide easy access to a full spectrum of government services, and information to citizens organized in a way that is personalized to a citizen's needs through the effective use of technology. Innovation must be fostered to quickly solve citizen and business problems and improve governmental performance."*

George H. Ryan, Governor  
State of Illinois

## Forging Ahead

To meet the challenges, Governor Ryan has implemented *VentureTECH*, a five-year, \$1.9 billion comprehensive strategy for investing state resources in education and workforce development, advanced research and development, health sciences and biotechnology, and cutting-edge information technology programs. This initiative is the keystone of the Governor's commitment to a comprehensive, long-term strategic plan for technology growth in Illinois. Recent history has shown that a piecemeal approach to addressing technology simply will

not work. Nothing short of a rational, well designed, and strategic statewide approach, which builds on our existing strengths, will allow Illinois to remain an economic leader in the future. Part of this investment is the Illinois Century Network. This statewide telecommunications backbone provides high-speed access to data, video, and audio communication in schools, libraries, colleges and universities, museums, government offices and other public services. Over 4,000 facilities are connected and operational and over 100 are being added monthly.

## E-Government

Electronic government extends the delivery of government services beyond traditional brick-and-mortar government buildings, and directly into people's homes and businesses. This includes access to government information and the completion of government transactions "anywhere, anytime". More and more services and information will be added to the State of Illinois website that cut across traditional levels of government and agencies within government to expand access and better represent how citizens lead their lives - government conforming to needs instead of needs conforming to government.

## Illinois Business Portal

E-government makes services and information available 24 hours a day, 7 days a week, and Governor Ryan is making it easier to do business in Illinois by reducing confusing and time-consuming government interactions.

Through a common business portal ([www.business.state.il.us](http://www.business.state.il.us)) that provides access to services and information, businesses will find an ever-increasing integrated and coordinated approach to customer transactions. The following sample of current services can be accessed through the business portal or directly through the url's listed:

## First Stop Business Info Center

The 'First Stop' provides an on-line source of information on how to obtain a free start-up kit, feasibility checklist, referrals to Small Business Development Centers, Small Business Administration and other groups.  
[www.commerce.state.il.us/doingbusiness/First\\_Stop/thefirst.htm#starting](http://www.commerce.state.il.us/doingbusiness/First_Stop/thefirst.htm#starting)

## Buildings and Sites

The Department of Commerce and Community Affairs is in the final stages of developing a comprehensive web-based GIS system for site and building availability. Users will be able to search by site/building criteria or geographic area, and will have access to photos and other vital information.  
[www.commerce.state.il.us/doingbusiness/Locate/findinga.htm](http://www.commerce.state.il.us/doingbusiness/Locate/findinga.htm)

## Online Tax Services

The State of Illinois has embraced electronic commerce by finding new ways to interact with taxpayers electronically. On-line interactions include: Internet filing of state tax returns, filing with commercial tax preparation packages, refund status inquiry, and most important to business owners is the expanded electronic commerce to businesses that allows payment of sales taxes via the Internet.  
[www.revenue.state.il.us](http://www.revenue.state.il.us)

## Online Professional Licensing

Professionals can renew their state licenses quickly and securely using a credit card through "Express Access Internet Renewal", which is available for occupations regulated by the Department of Professional Registration. The Internet renewal process is easy to use and lets professionals renew in minutes and have a license in hand in a few days.  
[www.dpr.state.il.us](http://www.dpr.state.il.us)

## Online Employment Services

Illinois Skills Match offers employers a quick, efficient way to locate the best qualified candidates for their job openings, and allows job seekers to conduct their own search for new employment opportunities, matched to their specific skills and experience. The system automatically matches job opportunities to qualified candidates, saving time and effort for all customers. Both employers and job seekers receive e-mails, voicemail messages, or written notifications of new job matches. [www.IllinoisSkillsMatch.com](http://www.IllinoisSkillsMatch.com)

Workforce Info Center puts reliable, up-to-date workforce and career information in the hands of Illinois employers, job seekers, local workforce planning boards, economic development professionals, and anyone who needs current workforce and career information. Illinois businesses have at their fingertips the labor market composition data that will enable them to develop affirmative action plans, as well as access wage information for various occupations across the state. [www.ILWorkInfo.com](http://www.ILWorkInfo.com)

